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search](#)**Advanced Search:**

Inspec - 1969 to date (INZZ)

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## Search history:

No.	Database	Search term	Info added since	Results	
1	INZZ	document ADJ management	unrestricted	2469	<a href="#">show titles</a>
2	INZZ	1 AND document ADJ manag\$ ADJ software	unrestricted	0	-
3	INZZ	1 AND document ADJ management ADJ software	unrestricted	74	<a href="#">show titles</a>
4	INZZ	3 AND (authoriz\$ OR authenticat\$ OR password\$)	unrestricted	0	-
5	INZZ	3 AND (database OR data ADJ adj1 ADJ base\$)	unrestricted	17	<a href="#">show titles</a>
6	INZZ	5 AND messag\$	unrestricted	0	-
7	INZZ	3 AND start NEAR (icon OR menu OR button)	unrestricted	0	-

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- ☒ Inspec thesaurus - browse headings H-Q
- ☒ Inspec thesaurus - browse headings R-Z
- ☒ Inspec thesaurus - enter a term
- ☒ Classification codes A: Physics, 0-1

09/446, 946

# Dialog DataStar

options

logout

feedback

help

databases

search  
page

titles

## Document

Select the documents you wish to save or order by clicking the box next to the document, or click the link above the document to order directly.

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locally as: PDF document

search strategy: do not include the search strategy

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1 [Share and share alike \(SharePoint Portal Server\).](#)

2 [Made-to-order ECM.](#)

3 [Warehouses, woozles and online wickedness \(security\).](#)

4 [Enterprise information portals.](#)

5 [Structured software documentation with multi-view schema adapting to design p](#)

6 [A view-based hypermedia design methodology.](#)

7 [Westbrook Technologies' Fortis CDEExpress.](#)

8 [Witco's technical information system.](#)

9 [Atop the British Forms market \(Forms UK\).](#)

10 [Elen prototype: an active hypertext system for document management in softwar](#)

11 [Software for computer assisted document image retrieval.](#)

12 [Product news \(document management software\).](#)

13 [Electronic document imaging using write-once optical disks: an overview](#)

14 [Document management software borrows from data processing.](#)

15 [Document management software: new twist to a proven concept results in increa](#)

16 [Document management: software is the link.](#)

17 [Document management software: the new 'file folders' for today and tomorr](#)

### USPTO Full Text Retrieval Options

☒ document 1 of 17 [Order Document](#)

Inspec - 1969 to date (INZZ)

### Accession number & update

0008673791 20051211.

### Title

Share and share alike (SharePoint Portal Server).

### Source

**Document** Manager, {Doc-Manag-UK}, July-Aug. 2005, vol. 13, no. 4, p. 16-18, CODEN: DOMAFS, ISSN: 1351-3222.

Publisher: Business & Technical Communications, UK.







### Abstract

As a company with a high profile and reputation for innovation, Investors in People has benefited from working in close partnership with Core to ensure that the new system matched the needs of users. With Core's help IIP has used SharePoint Portal Server to create an image library for the organization and is using it for access to the IT helpdesk. Working with Core, IIP staff delivered a user-friendly company-wide taxonomy solution that greatly increased the value of its new **document management** system. SharePoint Portal Server was able to improve collaboration and team work at IIP without the need for costly bespoke electronic **document management software**. With SharePoint Portal Server

09/04/06, 946

two solutions were made in one - a **document management** and search solution as well as a portal to various business sectors. SharePoint Portal Server makes it easier to search for documents. What could take hours in searching say 10,000 files can now be done in just a few seconds.

**Descriptors**

 DOCUMENT-HANDLING;  NETWORK-SERVERS;  PERSONNEL;  PORTALS;  
 WORKFLOW-  MANAGEMENT-SOFTWARE.

**Classification codes**

D2110 Personnel-applications-of-IT\*;  
D3045 Records-management-systems-for-business-automation;  
D2010 Business-and-professional-IT-applications;  
D5020 Computer-networks-and-intercomputer-communications-in-office-automation;  
D2080 Information-services-and-database-systems-in-IT.

**Keywords**

Investors-in-People; **electronic-document-management-software**; Share Point-Portal-Server;  
image-library; **document-management-system**.

**Treatment codes**

P Practical.

**Language**

English.

**Publication type**

Journal-paper.

**Availability**

SICI: 1351-3222(200507/08)13:4L:16:SSAS; 1-#.

**Publication year**

2005.

**Publication date**

20050700.

**Edition**

2005049.

**Copyright statement**

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**USPTO Full Text Retrieval Options**

☒ **document 2 of 17** [Order Document](#)

**Inspec - 1969 to date (INZZ)**

**Accession number & update**

0007593789 20051201.

**Title**

Made-to-order ECM.

**Source**

Transform Magazine, {Transform-Mag-USA}, Dec. 2002, vol. 11, no. 12, p. 13-14, CODEN: TMRAB7,  
ISSN: 1534-2832.

Publisher: CMP Media Inc, USA.






**Author(s)**

Pyles-M.

**Abstract**

Open Text, one of the first vendors to combine **document management software** with collaboration tools, has added to the long list of add- on tools available for its Livelink product. Search and expert **management** modules and improved virtual meeting **software** bolster a **Web-based** suite that already supports team workspaces, records **management**, digital asset **management**, e-signatures and electronic forms.

**Descriptors**

 CONTENT-MANAGEMENT;  DOCUMENT-HANDLING;  GROUPWARE;  RECORDS-MANAGEMENT;  
 WEB-SITES.

**Classification codes**

D2010 Business-and-professional-IT-applications\*;  
D3045 Records-management-systems-for-business-automation;  
D2080 Information-services-and-database-systems-in-IT;  
E0410F Business-applications-of-IT\*;  
E0420 Information-management;  
E0430 Information-resources-and-networks.

**Keywords**

Open-Text; **software-vendors**; **document-management-software**; collaboration-tools; Livelink-product; **virtual-meeting-software**; Web- **content-management**; **records-management**; **digital-asset-management**; e- signatures; electronic-forms.

**Treatment codes**

P Practical.

**Language**

English.

**Publication type**

Journal-paper.

**Availability**

SICI: 1534-2832(200212)11:12L:13:MO; 1-#.

**Publication year**

2002.

**Publication date**

20021200.

**Edition**

2003016.

**Copyright statement**

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☒ **document 3 of 17** Order Document

**Inspec - 1969 to date (INZZ)****Accession number & update**

0006952618 20051201.

**Title**

Warehouses, wozzles and online wickedness (security).

**Source**

Computer Fraud & Security, {Comput-Fraud-Secur-UK}, May 2001, p. 14-15, 0 refs, CODEN: CFSEFU, ISSN: 1361-3723.  
Publisher: Elsevier, UK.





**Author(s)**

Tait-J.

**Abstract**

Recent years have seen a massive increase in spending on CRM (customer relationship **management**) tools, **data** warehouses, knowledge **management** and **document management software**, all with one major aim: to harness, access and control the information lying latent within an organization. This level of expenditure would take on a whole new complexion if the information were being given away free to competitors. Or simply stolen. Who or what are the potential culprits?

**Descriptors**

 DATA-WAREHOUSES;  DOCUMENT-HANDLING;  MARKETING;  SECURITY-OF-DATA.

**Classification codes**

D1060 Security-aspects-of-IT\*;

D2080 Information-services-and-database-systems-in-IT;  
D2140 Marketing-retailing-and-distribution-applications-of-IT;  
D3045 Records-management-systems-for-business-automation;  
E0410F Business-applications-of-IT\*;  
E0430 Information-resources-and-networks.

**Keywords**

**customer-relationship-management; data-warehouses; knowledge- management; document-management-software.**

**Treatment codes**

P. Practical.

**Language**

English.

**Publication type**

Journal-paper.

**Availability**

CCCC: 1361-3723/2001/\$20.00.

**Publication year**

2001.

**Publication date**

20010500.

**Edition**

2001024.

**Copyright statement**

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☒ **document 4 of 17** Order Document

**Inspec - 1969 to date (INZZ)**

**Accession number & update**

0006773182 20051201.

**Title**

Enterprise information portals.

**Source**

Electronic Library, {Electron-Libr-UK}, 2000, vol. 18, no. 5, p. 354-62, 3 refs, CODEN: ELLIDZ, ISSN: 0264-0473.

Publisher: MCB University Press, UK.

**Author(s)**

White-M.

**Author affiliation**

White, M., Intranet Focus Ltd., Horsham, UK.

**Abstract**

Information is now coming centre stage in companies anxious to maintain their competitive advantage in the dot.com economy as electronic business-to-business exchanges rapidly emerge. The technical issues of being able to search across a wide range of different **database** and **document** types are now being solved through enterprise information portal applications (EIP), often referred to as corporate portals. These provide users with access to internal and external information resources through a customisable Web browser interface. This paper outlines the generic features of EIP applications, and categorises the different approaches being taken by EIP vendors, many of whom are adapting **software** developed for **document management** and information retrieval purposes. Emerging roles for information professionals in the deployment of EIP applications are discussed.

**Descriptors**

 BUSINESS-COMMUNICATION;  ELECTRONIC-MAIL;  INFORMATION-RESOURCES;

 [INTERNET.](#)**Classification codes**

[B6210G Electronic-mail\\*](#);  
[B6210L Computer-communications](#);  
[C6155 Computer-communications-software\\*](#);  
[C7104 Office-automation](#);  
[C6150N Distributed-systems-software](#);  
[C7210N Information-networks](#).

**Keywords**

enterprise-information-portals; dot.com-economy; electronic-business-to-business-exchanges; EIP;  
internal-information-resources; external-information-resources; customisable-Web-browser-interface;  
WWW; **document-management-software**; **information-retrieval-software**.

**Treatment codes**

[P Practical](#).

**Language**

English.

**Publication type**

[Journal-paper](#).

**Availability**

SICI: 0264-0473(2000)18:5L:354:EIP; 1-7.

**Publication year**

2000.

**Publication date**

20000000.

**Edition**

2000047.

**Copyright statement**

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☒ **document 5 of 17** [Order Document](#)

**Inspec - 1969 to date (INZZ)**

**Accession number & update**

0006304722 20051201.

**Title**

Structured **software** documentation with multi-view schema adapting to design process.

**Source**

Transactions of the Institute of Electronics Information and Communication Engineers D-I, {Trans-Inst-Electron-Inf-Commun-Eng-D-I-Japan}, June 1999, vol. J82D-I, no. 6, p. 740-50, 17 refs, CODEN: DTRDES, ISSN: 0915-1915.

Publisher: Inst. Electron. Inf. & Commun. Eng, Japan.

**Author(s)**

[Teshima-S](#), [Araki-M](#), [Agusa-K](#).

**Author affiliation**





Teshima, S., Araki, M., Toyota Central Res. & Dev. Labs. Inc., Aichi, Japan.

**Abstract**

**Software** design consists of some processes that generate a lot of documentation, where the documentation and its components are closely related to each other. We propose a **database** architecture for a documentation **database** for **software** design, and we have implemented the "Liaison" system, which handles the relations among documents and their components so that designers can refer to the documentation via these relations. Our system achieves reference services for documentation on a WWW framework. We applied our system to the **software** design of embedded systems. According to our practical case studies, we confirmed that our approach provides an

appropriate method of **document management** in **software** design.

**Descriptors**

 COMPUTER-AIDED-SOFTWARE-ENGINEERING;  DATABASE-MANAGEMENT-SYSTEMS;  
 EMBEDDED-SYSTEMS;  SYSTEM-DOCUMENTATION.

**Classification codes**

C6115 Programming-support\*;  
C6110B Software-engineering-techniques;  
C6160Z Other-DBMS.

**Keywords**

**structured-software-documentation**; multi-view-schema; design-process- adaptation; **software-design**; documentation-component-relations; **database-architecture**; reference-services; Liaison-system; World-Wide- Web; embedded-systems; case-studies; **document-management**.

**Treatment codes**

P Practical.

**Language**

Japanese.

**Publication type**

Journal-paper.

**Availability**

SICI: 0915-1915(199906)J82DI:6L.740:SSDW; 1-4.

**Publication year**

1999.

**Publication date**

19990600.

**Edition**

1999029.

**Copyright statement**

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☒ **document 6 of 17** Order Document

**Inspec - 1969 to date (INZZ)**

**Accession number & update**

0006250347 20051201.

**Title**

**A view-based** hypermedia design methodology.

**Source**

Journal of **Database Management**, {**J-Database-Manage-USA**}, April-June 1999, vol. 10, no. 2, p. 3-13, 27 refs, CODEN: JDAMEQ, ISSN: 1063-8016.  
Publisher: Idea Group Publishing, USA.

**Author(s)**

Heeseok-Lee, Jongho-Kim, Young-Gul-Kim, Cho-S-H.

**Author affiliation**







Heeseok Lee, Jongho Kim, Young Gul Kim, Korea Adv. Inst. of Sci. & Technol., Seoul, South Korea.

**Abstract**

Hypermedia extends the hypertext paradigm into multimedia. Recently, many enterprises have attempted to incorporate hypermedia functionality into their diverse range of business applications, such as decision support systems, **document management**, **software management** and team collaboration. This paper presents a methodology for designing hypermedia applications **based** on users' views. In designing hypermedia applications, view support is highly desirable. The methodology consists of five phases: requirements analysis, **data** modeling, view design, navigational design and mapping. Views are generated from the entity-relationship diagram and are then used for subsequent

navigational and mapping design. This methodology is especially effective for integrating enterprise databases with distributed hypermedia systems on the Internet.

**Descriptors**

 BUSINESS-DATA-PROCESSING;  DISTRIBUTED-DATABASES;  ENTITY-RELATIONSHIP-MODELLING;  HYPERMEDIA;  INTERNET;  MULTIMEDIA-DATABASES.

**Classification codes**

C6130M Multimedia\*;  
C6110 Systems-analysis-and-programming;  
C6160B Distributed-databases;  
C7100 Business-and-administration;  
C7210N Information-networks;  
C6160Z Other-DBMS;  
C6160M Multimedia-databases;  
E0410F Business-applications-of-IT\*.

**Keywords**

**view-based-hypermedia-design-methodology**; multimedia; business- applications; decision-support-systems; **document-management**; **software- management**; team-collaboration; user-view-support; requirements- analysis; **data-modeling**; view-design; navigational-design; mapping-design; view-generation; entity-relationship-diagram; enterprise-databases; distributed-hypermedia-systems; Internet.

**Treatment codes**

P Practical.

**Language**

English.

**Publication type**

Journal-paper.

**Availability**

SICI: 1063-8016(199904/06)10:2L.3:VBHD; 1-M.

**Publication year**

1999.

**Publication date**

19990400.

**Edition**

1999020.

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☒ **document 7 of 17** [Order Document](#)

**Inspec - 1969 to date (INZZ)**

**Accession number & update**

0006222337 20051201.

**Title**

Westbrook Technologies' Fortis CDEExpress.

**Source**

EMedia Professional, {EMedia-Prof-USA}, March 1999, vol. 12, no. 3, p. 68-70, 72, 0 refs, CODEN: EMPRFN, ISSN: 1090-946X.  
Publisher: Online Inc, USA.

**Author(s)**

Misek-M.





**Abstract**

The paper presents a product review of Westbrook Technologies' Fortis CDEExpress. CDEExpress is a fully



integrated member of Westbrook Technologies' family of **document management software**. A client-server **software** suite for Windows platforms, Fortis provides capture, indexing, retrieval, editing, annotation and distribution of both paper and electronic documents and images.

**Descriptors**

 CLIENT-SERVER-SYSTEMS;  DATABASE-INDEXING;  DOCUMENT-HANDLING;  
 SOFTWARE-REVIEWS.

**Classification codes**

C6130D Document-processing-techniques\*;  
C6150N Distributed-systems-software.

**Keywords**

Westbrook-Technologies; Fortis-CDEpress; product-review; **document- management-software**;  
**client-server-software**; Windows; indexing; **document-retrieval**; **document-editing**; annotation.

**Treatment codes**

P Practical;  
R Product-review.

**Language**

English.

**Publication type**

Journal-paper.

**Availability**

SICI: 1090-946X(199903)12:3L:68:WTFC; 1-5.  
CCCC: 1090-946X/99/\$2.00+00.20.

**Publication year**

1999.

**Publication date**

19990300.

**Edition**

1999016.

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☒ **document 8 of 17** Order Document

**Inspec - 1969 to date (INZZ)**

**Accession number & update**

0005422097 20051201.

**Title**

Witco's technical information system.

**Source**

Inform, {Inform-USA}, Sept. 1996, vol. 10, no. 8, p. 32, 34-6, 0 refs, CODEN: INFREN, ISSN: 0892-3876.

Publisher: Assoc. Inf. & Image Manag. Int, USA.

**Author(s)**







Eckard-A, Costello-M-T, Thalman-W-J, Weaver-J-A.

**Abstract**

The conversion of disorganized paper documents into a highly structured, easily searchable electronic **database** not only fosters easy access of information through the use of **document management software**, but also archives the documents into a compact, easily protected format. Using the suite of ZyImage **software** applications, and a minimum of personnel resources, we were able to build an R&D **database** by converting the paper files into an electronic format and saving the documents to appropriate LAN media and locations. By incorporating the newer electronic files into the **database**, we can immediately have access to all current R&D activities and information. ZyBuild (the indexing

**software**) automatically builds or updates the index to include every word it finds in the **document** it is indexing. This process saves many man-hours that would otherwise be necessary to manually key-word each **document**. This also allows a full-text search to be performed. ZyFindi (the search **software**) has many search operators that can be utilized for finding information. We can search on a word or phrase, use Boolean operators, proximity, quorum, numeric or date range or key fields. We can also perform searches with the fuzzy search option; this allows a level of ambiguity to compensate for variations in spelling or OCR errors. When paper documents are converted into an electronic format suitable for searching, the conversion isn't completely accurate; this is not acceptable for experimental **data**. The ability to link the original scanned image to the searchable intelligent **document** assures complete retention of the original **data**.

#### Descriptors

 DATA-CONVERSION;  DOCUMENT-IMAGE-PROCESSING;  FULL-TEXT-DATABASES;  
 INDEXING;  PETROLEUM-INDUSTRY;  VISUAL-DATABASES.

#### Classification codes

C7250L Non-bibliographic-retrieval-systems\*;  
C5260B Computer-vision-and-image-processing-techniques;  
C6130D Document-processing-techniques;  
C6160S Spatial-and-pictorial-databases;  
C7160 Manufacturing-and-industrial-administration;  
E0410D Industrial-applications-of-IT\*;  
E3020 Mining-oil-drilling-and-natural-gas-industries;  
E3624 Fuel-processing-industry.

#### Keywords

Witco; technical-information-system; paper-documents; searchable- **electronic-database**;  
**document-management-software**; **document-archiving**; easily-protected-format; **ZyImage-software-applications**; personnel-resources; **R&D-database**; file-conversion; **document-saving**;  
 LAN-media; **ZyBuild-indexing-software**; full-text-search; **ZyFindi-search-software**; search-operators; fuzzy-search-option; conversion-accuracy; scanned-image; **searchable-intelligent-document**; **data-retention**.

#### Treatment codes

A Application.

#### Language

English.

#### Publication type

Journal-paper.

#### Availability

SICI: 0892-3876(199609)10:8L.32:WTIS; 1-J.

#### Publication year

1996.

#### Publication date

19960900.

#### Edition

1996045.

#### Copyright statement

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USPTO Full Text Retrieval Options

☒ **document 9 of 17** Order Document

**Inspec - 1969 to date (INZZ)**

**Accession number & update**

0004921494 20051201.

**Title**

Atop the British Forms market (Forms UK).

**Source**

Business Forms Labels & Systems, {Bus-Forms-Labels-Syst-USA}, 20 Feb. 1995, vol. 33, no. 4, p. 28, 30, 32-3, 0 refs, CODEN: BFLSEP, ISSN: 0745-3914, USA.

**Author(s)**

Gross-J-R.

**Abstract**

A constant investment in technology pays off for Forms UK. The company's forms **management software** was developed over 15 years and tested in-house for two years. Some of Britain's largest companies, including telephone company Mercury Communications and holiday giant Lunn Poly, chose Forms UK as their forms **management** partner. Mercury, which has 11,000 employees, 800 cost centers and between 6,000 and 8,000 forms, identified savings of 22 percent on its procurement costs alone after its forms were put on the Forms UK **database**.

**Descriptors**

 BUSINESS-FORMS;  DOCUMENT-HANDLING;  SOFTWARE-PACKAGES.

**Classification codes**

D3045 Records-management-systems-for-business-automation\*;

D2010 Business-and-professional-IT-applications;

E0410F Business-applications-of-IT\*.

**Keywords**

British-Forms-market; **forms-management-software**; **Forms-UK-database**; telephone-company; Mercury-Communications; holiday-company; Lunn-Poly; procurement-costs; ImageSoft; **software**; MINIS; **forms-management-** services; distributors; **software-sales**; **document-management-software**; Avis-Rent-A-Car; maintenance; Image-Store.

**Treatment codes**

P Practical.

**Language**

English.

**Publication type**

Journal-paper.

**Publication year**

1995.

**Publication date**

19950220.

**Edition**

1995014.

**Copyright statement**

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 **document 10 of 17** Order Document

**Inspec - 1969 to date (INZZ)**

**Accession number & update**

0004777803 20051201.

**Title**

Elen prototype: an active hypertext system for **document management** in **software engineering**.

**Conference information**

Proceedings of DEXA '92. International Conference on **Database** and Expert Systems Applications, Valencia, Spain, 2-4 Sept. 1992.

**Source**

DEXA 92. **Database** and Expert Systems Applications. Proceedings of the International Conference, 1992, p. 450-6, 27 refs, pp. xii+546, ISBN: 3-211-82400-6.

Publisher: Springer-Verlag, Wien, Austria.

**Author(s)**

Jarwe-S, Bruandet-M-F.  
Editor(s): Tjoa-A-M, Ramos-I.









**Author affiliation**

Jarwe, S., Bruandet, M.-F., LGI, Univ. Joseph Fourier, Grenoble, France.

**Abstract**

We present the Elen prototype the objective of which is to support maintenance activities for large **software** systems. We take advantage of hypertext systems in order to manage links between objects (programs and documentation) and to support navigation and interface features. To overcome hypertext insufficiency in supporting structural and dynamic aspects of **software** engineering documents, we define a new underlying **data** model. The proposed **data** model is object-oriented, it provides the hypertext by the abstraction mechanisms necessary to model structural documents and semantics of composition links between them. With this model the "nodes" of the hypertext becomes active, in the sense that some actions can be executed on nodes of a given type, and side effects of modifications are propagated to other nodes which may react. These later aspects are supported at the **data** model level using methods which constitute triggers associated to objects. We discuss dynamic aspects of the model and the Elen prototype implementing the model features.

**Descriptors**

 COMPUTATIONAL-LINGUISTICS;  DATA-STRUCTURES;  HYPERMEDIA;  OBJECT-ORIENTED-DATABASES;  OBJECT-ORIENTED-PROGRAMMING;  SOFTWARE-MAINTENANCE;  SYSTEM-DOCUMENTATION;  USER-INTERFACES.

**Classification codes**

C6115 Programming-support\*;  
C6120 File-organisation;  
C6180 User-interfaces;  
C61601 Object-oriented-databases;  
C61101 Object-oriented-programming;  
C6160Z Other-DBMS.

**Keywords**

Elen-prototype; active-hypertext-system; **document-management**; **software-engineering**; maintenance-activities; **large-software-systems**; links; navigation; interface-features; dynamic-aspects; structural-aspects; **object-oriented-data-model**; abstraction-mechanisms; structural-documents; semantics; nodes; triggers.

**Treatment codes**

P Practical.

**Language**

English.

**Publication type**

Conference-proceedings.

**Publication year**

1992.

**Publication date**

19920000.

**Edition**

1994039.

**Copyright statement**

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☒ **document 11 of 17** Order Document

**Inspec - 1969 to date (INZZ)**

**Accession number & update**

0004523535 20051201.

**Title**

**Software** for computer assisted **document** image retrieval.

**Conference information**

OIS/IMC 91 **Document Document** Imaging. Proceedings of the Information and Image **Management** Conference, London, UK, 2-4 July 1991.

**Source**

OIS/IMC 91 **Document Document** Imaging. Proceedings of the Information and Image **Management** Conference, 1991, p. 296-300, 0 refs, pp. 460.

Publisher: Meckler, London, UK.

**Author(s)**

Bistram-P.

**Author affiliation**

Bistram, P., Kodak Ltd., Hemel Hempstead, UK.

**Abstract**

**Software** for **document management** systems comes in all sorts of shapes, sizes and flavours. Choose your **document management software** not on its looks nor on the operating system or **database** manager, but on its ability to do three key things very well indeed: (1) ensure **data** input integrity, at speed; (2) allow fast and easy retrieval; and (3) provide great flexibility.

**Descriptors**

DATA-INTEGRITY; DOCUMENT-IMAGE-PROCESSING; INFORMATION-RETRIEVAL;  
SOFTWARE-SELECTION; VISUAL-DATABASES.

**Classification codes**

C5260B Computer-vision-and-image-processing-techniques\*;

C6160S Spatial-and-pictorial-databases;

C6130D Document-processing-techniques;

C0310H Equipment-and-software-evaluation-methods.

**Keywords**

retrieval-speed; **computer-assisted-document-image-retrieval**; **document- management- software**; **data-input-integrity**; flexibility.

**Treatment codes**

P. Practical.

**Language**

English.

**Publication type**

Conference-proceedings.

**Publication year**

1991.

**Publication date**

19910000.

**Edition**

1993044.

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☒ **document 12 of 17** Order Document

**Inspec - 1969 to date (INZZ)**

**Accession number & update**

0004007321 20051201.

**Title**

Product news (**document management software**).

**Source**

Computers and Law, {Comput-Law-UK}, Sept. 1991, vol. 2, no. 4, p. 28-30, 0 refs, CODEN: CLAWDY, ISSN: 0140-3249, UK.






**Author(s)**Cameron-N.**Author affiliation**

Cameron, N., KPMG Peat Marwick McLintock, London, UK.

**Abstract**

Firstly reviews SoftSolution **document management** system from Soft Solution Technology Corporation. It runs on a range of Novell, LAN Manager and UNIX **based** PC network systems. Secondly, the author discusses The Stacker, which doubles the size of ones hard disk. It sets aside a portion of hard disk as a Stacker Volume which effectively becomes another disk drive. He then looks at OS/2 version 2 and its improvements and lastly AXIOM **document** image processing and free-text retrieval developed by Systematic Upgrade. It is a Windows 3 product which incorporates the Personal Librarian free-text **database software**.

**Descriptors**

 DOCUMENT-IMAGE-PROCESSING;  INFORMATION-RETRIEVAL;  LAW-ADMINISTRATION;  
 MANAGEMENT-INFORMATION-SYSTEMS;  OPERATING-SYSTEMS-COMPUTERS.

**Classification codes**

C7100 Business-and-administration\*;  
C6130 Data-handling-techniques;  
D2010 Business-and-professional-IT-applications\*;  
D3045 Records-management-systems-for-business-automation;  
E0410F Business-applications-of-IT\*.

**Keywords**

law-firms; **SoftSolution-document-management**; SoftSolution-Technology-Corporation; Novell; LAN-Manager; UNIX; The-Stacker; hard-disk; disk-drive; OS/2-version-2; **AXIOM-document-image-processing**; free-text-retrieval; Systematic-Upgrade; Windows-3; Personal-Librarian; **free- text-database-software**.

**Treatment codes**

P Practical;  
R Product-review.

**Language**

English.

**Publication type**Journal-paper.**Publication year**

1991.

**Publication date**

19910900.

**Edition**

1991023.

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0003547832 20051201.

**Title**Electronic **document** imaging using write-once optical disks: an overview of concepts and components.**Source**

International Journal of Micrographics &amp; Video Technology, {Int-J-Microgr-Video-Technol-UK}, 1989, vol. 7, no. 3, p. 91-7, 0 refs, CODEN: IJMTDZ, ISSN: 0743-9636, UK.





**Author(s)**Saffady-W.**Author affiliation**

Saffady, W., Sch. of Inf. Sci. &amp; Policy, State Univ. of New York, Albany, NY, USA.

**Abstract**

An electronic **document** imaging system is a **computer-based** hardware and **software** configuration that stores digitized **document** images-computer- processable 'pictures' of documents-for on-demand retrieval. Index information, maintained by a **database management** program, provides access to the digitized images. Turnkey optical filing systems-marketed as preconfigured combinations of computer hardware, optical storage components, and **document management software** assembled specifically for electronic **document** imaging-offer rapid, convenient implementation with simplified procurement and single-vendor responsibility for all system components. Whether implemented on a customized or turnkey basis, electronic **document** imaging systems share certain operating concepts and components. This discussion provides an overview of those concepts and components, emphasizing the role of write-once optical disks as **document** storage media.

**Descriptors**

 COMPUTERISED-PICTURE-PROCESSING;  OFFICE-AUTOMATION;  OPTICAL-DISC-STORAGE;  RECORDS-MANAGEMENT.

**Classification codes**

C5320K Optical-storage\*;  
C5260B Computer-vision-and-image-processing-techniques;  
C7104 Office-automation;  
E0420 Information-management\*;  
E3644N Optoelectronics-manufacturing.

**Keywords**

WORM-discs; indexing; turnkey-optical-filing-system; write-once-optical-disks; **electronic-document-imaging-system; digitized-document-** images; **database-management-program; document-management-software;** storage-media.

**Treatment codes**

A Application;  
G General-or-review.

**Language**

English.

**Publication type**Journal-paper.**Availability**

CCCC: 0743-9636/89/\$3.00+0.00.

**Publication year**

1989.

**Publication date**

19890000.

**Edition**

1990005.

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☒ **document 14 of 17** Order Document**Inspec - 1969 to date (INZZ)****Accession number & update**

0003346204 20051201.

**Title**

**Document management software** borrows from **data** processing.

**Source**

Inform, {Inform-USA}, Jan. 1989, vol. 3, no. 1, p. 24-6, 0 refs, CODEN: INFREN, ISSN: 0745-9963, USA.

**Author(s)**

Graff-M-W.




**Author affiliation**

Graff, M.W., 3M **Document** Syst. Div., St. Pauls, MN, USA.

**Abstract**

As experts in the **data** processing and **document management** fields learn more about one another's application requirements and methods of meeting those requirements, an inevitable meeting of the minds is taking place. An environment is developing in which new thinking is spurred on by the development of new technologies, and vice versa. **Data** processing and **document management** principles are being applied to both functions, resulting in a concentration of activity nearer the center of the information source, the host computer, where both functions can now access and share databases. Yet new synergies created by sharing **data** and **document** resources in a system designed to manage documentation more efficiently and more effectively is only as new as the **software** that drives it. The importance of application **software** for delivering the maximum return on investment placed in the system cannot be overstated.

**Descriptors**

 ADMINISTRATIVE-DATA-PROCESSING;  DATABASE-MANAGEMENT-SYSTEMS;  
 MANAGEMENT-INFORMATION-SYSTEMS.

**Classification codes**

C7100 Business-and-administration\*;  
C6160 Database-management-systems-DBMS.

**Keywords**

**document-management-software; data-sharing; data-processing;** application-requirements; new-thinking; new-technologies; databases; synergies; **document-resources; application-software;** return-on-investment.

**Treatment codes**

G General-or-review.

**Language**

English.

**Publication type**

Journal-paper.

**Publication year**

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**Publication date**

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**Inspec - 1969 to date (INZZ)**

**Accession number & update**

0002745690 20051201.

**Title**

**Document management software:** new twist to a proven concept results in increased productivity.

**Source**



Journal of Information and Image **Management**, {J-Inf-Image-Manage-USA}, June 1986, vol. 19, no. 6, p. 26-9, 0 refs, CODEN: JIIMDW, ISSN: 0022-2712, USA.

**Author(s)**

Casurella-J-E.





**Author affiliation**

Casurella, J.E., 3M File Manage. Syst., St. Paul, MN, USA.

**Abstract**

Discusses the problems created by the indexing, storage and retrieval of documents. One answer to such problems is a leading edge **software** such as 3M's **document management software** (DMS). Using a master record file analogous to the label on a conventional paper file folder, all documents relating to a particular master record are filed in an electronic file folder. When a particular **document** is requested, the entire folder's contents is listed for the requestor, who then selects the necessary documents from within that folder, or simply uses the **database** of information to answer requests.

**Descriptors**

 DATA-HANDLING;  DATABASE-MANAGEMENT-SYSTEMS;  INFORMATION-RETRIEVAL;  
 INFORMATION-STORAGE.

**Classification codes**

C6130 Data-handling-techniques\*;  
C6160 Database-management-systems-DBMS;  
C7250 Information-storage-and-retrieval.

**Keywords**

**document-management-software**; increased-productivity; indexing; storage; retrieval; **documents**;  
**document-management-software**; DMS; master-record-file-analogous; paper-file-folder;  
electronic-file-folder; **database**.

**Treatment codes**

P Practical.

**Language**

English.

**Publication type**

Journal-paper.

**Publication year**

1986.

**Publication date**

19860600.

**Edition**

1986021.

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Inspec - 1969 to date (INZZ)

**Accession number & update**

0002477342 20051201.

**Title**

**Document management: software** is the link.

**Source**

The Office, {Office-USA}, May 1985, vol. 101, no. 5, p. 109-10, 0 refs, CODEN: OFISAD, ISSN: 0030-0128, USA.




**Author(s)**

Newman-D-J.

**Abstract**

The technology propelling the creation of documents in ever increasing quantities is also propelling the development of sophisticated **document management** systems capable of handling the heightening volume of information. Today, computer-assisted retrieval systems handle vast amounts of documents recorded on micrographics media, indexed and retrieved by computer intelligence. In the very near future optical optical disc systems- another version of computer-assisted retrieval that uses laser-written optical discs as its storage media instead of micrographics-will provide additional strength in the **management** of documents in high-volume applications. A single optical disc already has the capacity to hold 20000-30000 documents and this is projected to increase to 100000 documents within five years.

**Descriptors**

 INFORMATION-RETRIEVAL;  OPTICAL-STORAGE;  RECORDS-MANAGEMENT.

**Classification codes**

C6160 Database-management-systems-DBMS\*;  
D2080 Information-services-and-database-systems-in-IT\*;  
E0420 Information-management\*;  
E0430 Information-resources-and-networks.

**Keywords**

**document-management-systems**; computer-assisted-retrieval-systems; micrographics-media;  
optical-disc-systems; laser-written-optical-discs.

**Treatment codes**

G General-or-review.

**Language**

English.

**Publication type**

Journal-paper.

**Publication year**

1985.

**Publication date**

19850500.

**Edition**

1985015.

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☒ **document 17 of 17** Order Document

**Inspec - 1969 to date (INZZ)**

**Accession number & update**

0002380726 20051201.

**Title**

**Document management software:** the new 'file folders' for today and tomorrow.

**Source**

Journal of Information and Image **Management**, {J-Inf-Image-Manage-USA}, Nov. 1984, vol. 17, no. 11, p. 12-13, 0 refs, CODEN: JIIMDW, ISSN: 0022-2712, USA.

**Author(s)**

Casurella-J-E.

**Abstract**

The advent of micrographics was a giant step in solving the problem of storing, maintaining and retrieving an ever-growing volume of business documents. The search for an efficient and effective replacement for the old file folder turned to an investigation of automating the micrographics **document** search and retrieval process. Today's computer-assisted retrieval (CAR) systems, with increasingly sophisticated **software**, act as electronic file folders. The new generation of CAR systems uses different techniques that address larger files, make better use of the computer's speed and

efficiency and reduce the labour required to input documents into the system. Concepts such as master record filing, where all the information about an account is contained in the master record of that account, allow for quicker and easier searches. Future-oriented **software**, optical disks and advanced equipment are the basis of a modern CAR 'file folder' **document management** system.

**Descriptors**

 INFORMATION-RETRIEVAL-SYSTEMS;  MICROFORMS;  RECORDS-MANAGEMENT.

**Classification codes**

C5580 Computer-output-on-microform-COM\*;  
C7100 Business-and-administration;  
D2080 Information-services-and-database-systems-in-IT\*;  
D3030 Microform-equipment-for-business-automation;  
E0420 Information-management\*;  
E0430 Information-resources-and-networks.

**Keywords**

**document-management-software**; business-documents; micrographics- **document-search**;  
computer-assisted-retrieval; electronic-file-folders; CAR-systems; master-record-filing; **optical-disks**.

**Treatment codes**

A Application;  
G General-or-review.

**Language**

English.

**Publication type**

Journal-paper.

**Publication year**

1984.

**Publication date**

19841100.



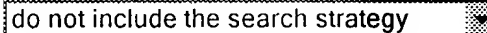

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## » Key

Display Format: ☒ Citation ☐ Citation & Abstract

IEEE JNL IEEE Journal or Magazine

IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[view selected items](#)[Select All](#) [Deselect All](#)**1. Querying structured hyperdocuments**

Yong Kyu Lee; Seong-Joon Yoo; Kyoungro Yoon; Berra, P.B.;  
System Sciences. 1996. Proceedings of the Twenty-Ninth Hawaii International  
 Volume 2, 3-6 Jan. 1996 Page(s):155 - 164 vol.2  
 Digital Object Identifier 10.1109/HICSS.1996.495394

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**2. Toward multimedia document support inside the AHYDS platform**

Andres, F.; Dessaigne, N.; Ono, K.; Satoh, S.; Grosky, W.I.; Tao, Y.;  
Database Applications in Non-Traditional Environments. 1999. (DANTE '99) Pr  
International Symposium on  
 1999 Page(s):152 - 155  
 Digital Object Identifier 10.1109/DANTE.1999.844953

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**3. A model for secure multimedia document database system in a distribute**

Joshi, J.B.D.; Zhaohui Kevin Li; Fahmi, H.; Shafiq, B.; Ghafoor, A.;  
Multimedia. IEEE Transactions on  
 Volume 4, Issue 2, June 2002 Page(s):215 - 234  
 Digital Object Identifier 10.1109/TMM.2002.1017735

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**4. Managing XML documents using RDBMS**

Guangming Xing; Jinhua Guo; Ronghua Wang;  
Software Engineering. Artificial Intelligence. Networking and Parallel/Distribute  
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 23-25 May 2005 Page(s):186 - 191  
 Digital Object Identifier 10.1109/SNPD-SAWN.2005.49

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**5. Making sense of scientific information on WorldWideWeb: WWW-TED (T**

et Dynamique)  
 Bossy, M.J.;

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Research and Technology Advances in Digital Libraries, 1998, ADL 98, Proceedings  
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22-24 April 1998 Page(s):238 - 244

Digital Object Identifier 10.1109/ADL.1998.670424

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## » Key

IEEE JNL IEEE Journal or Magazine

IEEE JNL IEEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEEE Conference Proceeding

IEEE STD IEEE Standard

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- ☐ **1. Test program set/document management system**  
 Banh, T.; Tran, H.;  
[AUTOTESTCON '96. 'Test Technology and Commercialization'. Conference R](#)  
 16-19 Sept. 1996 Page(s):369 - 374  
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- ☐ **2. Managing software artifacts on the Web with Labyrinth**  
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- ☐ **3. Development of a multimedia document management system for cooper environment**  
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 Digital Object Identifier 10.1109/COMPSAC.1992.217580  
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- ☐ **4. A philosophy of the electronic document management**  
 Volarevic, M.; Strasberger, V.; Pacelat, E.;  
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- ☐ **5. Document management as a prerequisite to quality assurance**  
 Bach, J.; Aiken, P.;  
[Systems, Man and Cybernetics, 1990. Conference Proceedings., IEEE Interna](#)  
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4-7 Nov. 1990 Page(s):739 - 741  
 Digital Object Identifier 10.1109/ICSMC.1990.142218  
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☐ **6. Lessons learned prototyping an SGML-based computerized document management system**

Madigan, C.; Silber, M.K.; Wilson, S.;  
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 Volume 40, Issue 2, June 1997 Page(s):139 - 143  
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☐ **7. The chamois component-based knowledge engineering framework**  
 Won Kim; Ki-Joon Chae; Dong-Sub Cho; Byoungju Choi; Anmo Jeong; Myung  
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Qiaolin Mao; Shilong Ma;  
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Haseloff, S.;  
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☐ **10. A change notification framework based on agent for information system**

Xu Xuezhou; Guo Jinglin; Chen Ping; Kang Yaohong;  
[Technology of Object-Oriented Languages and Systems](#), 2000. TOOLS - Asia  
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House, T.; Lewis, D.;  
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- ☐ **16. Distributed and concurrent development environment via sharing design**  
Nakamura, K.; Fujii, Y.; Kiyokane, Y.; Nakamura, M.; Hinenoya, K.; Yeo Hua P Lian;  
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Paivarinta, T.; Munkvold, B.E.;  
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03-06 Jan. 2005 Page(s):96 - 96



Digital Object Identifier 10.1109/HICSS.2005.244

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☐ **19. Intelligent document retrieval from heterogeneous cardiology literature s  
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☐ **20. Usage of network technologies for creation of small machinery building c  
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Kernysky, A.; Lobur, M.; Tesluk, V.; Wrobel, J.; Tomaszek, S.;

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18-22 Feb. 2003 Page(s):501 - 502

[AbstractPlus](#) | Full Text: [PDF\(254 KB\)](#) IEEE CNF  
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☐ **21. Generalised environment for process management in cooperative softwa**

Gaeta, M.; Ritrovato, P.;

[Computer Software and Applications Conference, 2002. COMPSAC 2002. Pro  
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[Computer Software and Applications Conference, 2000. COMPSAC 2000. The  
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Szentivanyi, G.;

[Enabling Technologies: Infrastructure for Collaborative Enterprises, 1999. \(WE  
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Bartschi, M.; Stamer, H.U.; Wunderlich, F.;

[Data and Knowledge Systems for Manufacturing and Engineering, 1989. Sec  
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**25. A networked interoffice communication expert system**



Venkatasubbaiah, M.; Vishwakarma, H.R.;  
Singapore ICCS '94. Conference Proceedings.  
Volume 3, 14-18 Nov. 1994 Page(s):1218 - 1221 vol.3  
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IEEE JNL IEEE Journal or Magazine

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- ☐ 1. **DOC.COM: combining document and communication management for ne support in business-to-business electronic commerce**  
Schoop, M.; Quix, C.;  
System Sciences, 2001. Proceedings of the 34th Annual Hawaii International C  
Jan 3-6 2001 Page(s):10 pp.  
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- ☐ 2. **CoWare: a Web-based groupware for effective collaboration**  
Myung-Joon Lee; Chun-Yong Han; Geon-Tae Ahn; Jin-Hong Kim; Nam-Doo M  
Jung;  
Science and Technology, 2000. KORUS 2000. Proceedings. The 4th Korea-R  
Symposium on  
Volume 3, 27 June-1 July 2000 Page(s):128 - 133 vol. 3  
Digital Object Identifier 10.1109/KORUS.2000.866071  
[AbstractPlus](#) | Full Text: [PDF](#)(396 KB) IEEE CNF  
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- ☐ 3. **A groupware benchmark based on Lotus Notes**  
Moore, K.; Peterson, M.;  
Data Engineering, 1996. Proceedings of the Twelfth International Conference  
26 Feb.-1 March 1996 Page(s):500 - 507  
Digital Object Identifier 10.1109/ICDE.1996.492200  
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# 1 [7a--Capturing Meaning: Hypertext and knowledge management](#)



Francisco J. Ricardo

 September 2001 **Proceedings of the twelfth ACM conference on Hypertext and Hypermedia**

Publisher: ACM Press

 Full text available: [pdf\(127.29 KB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper is a functional survey of knowledge management systems and characteristics from the contribution and relevance of hypertext to this discipline. There is the description of a typical KM as some of the current KM and KM-like systems deployed in production at large corporations. The paper introduces the perceptions of KM and then emphasizes the role of hypertext systems in tackling p distributed and collaborative know...

**Keywords:** hypertext, representation, rhetoric

# 2 [A basic set of abstract object classes for representation of complex documents](#)



Randy S. Weinberg, Michael J. Bozonie

 October 1988 **ACM SIGOIS Bulletin**, Volume 9 Issue 4

Publisher: ACM Press

 Full text available: [pdf\(346.38 KB\)](#)

 Additional Information: [full citation](#), [abstract](#), [index terms](#)

To support the creation, editing, storage, retrieval, and transmission of electronic multimedia documents, a system must maintain and manage complex, nonhierarchical relationships among the documents and their components. A basic set of high level object classes that can be used in a hybrid object oriented environment to represent complex documents, their constituent parts, and interrelationships is presented. These object classes are intended to provide a stable base for ...

# 3 [A case for document management functions on the Web](#)



Gail L. Rein, Daniel L. McCue, Judith A. Slein

 September 1997 **Communications of the ACM**, Volume 40 Issue 9

Publisher: ACM Press

 Full text available: [pdf\(415.20 KB\)](#)

 Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

4

[A document-centered approach for an open CASE environment framework connected with](#)

09/16/06, 9:44



Frédéric Blanqui

March 1997 **ACM SIGSOFT Software Engineering Notes**, Volume 22 Issue 2

**Publisher:** ACM Press

Full text available: [pdf\(798.60 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Software development suffers from a number of well known difficulties, both technical and man technical approach that could help to reduce them is the use of Computer-Aided Software Engin technologies. However, current Integrate Project Support Environment (IPSE) frameworks impo on CASE tool vendors, and this has impeded their adoption [10]. A more incremental strategy s for the transfer and the diffusion of those technologies.This ...

**Keywords:** CASE environment framework, OSDS, World-Wide Web, documentation, hypertext reuse

5 [A framework of knowledge management systems: issues and challenges for theory and pr](#)

Jungpil Hahn, Mani R. Subramani

December 2000 **Proceedings of the twenty first international conference on Information sy**

**Publisher:** Association for Information Systems

Full text available: [pdf\(179.51 KB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

**Keywords:** information in organizations, knowledge management, knowledge management sys behavior, organizational learning, system selection

6 [A knowledge-based message management system](#)



Shi-Huo Chang, L. Leung

July 1987 **ACM Transactions on Information Systems (TOIS)**, Volume 5 Issue 3

**Publisher:** ACM Press

Full text available: [pdf\(1.46 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index](#)

The design approach of a knowledge-based message management system is described. A lingu used to filter out junk messages. Relevant messages are then processed by an expert system, c alerter rules. An alerter rule base for a secretarial office is illustrated. Further research topics in design, evaluation, and learning are also discussed.

7 [A learning technique for legal document analysis](#)



Erich Schweighofer, Dieter Merkl

June 1999 **Proceedings of the 7th international conference on Artificial intelligence and**

**Publisher:** ACM Press

Full text available: [pdf\(1.00 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index](#)

More and more law is available freely on the Internet. The growing complexity of legal rules and adaptation to user needs requires better instruments than manual browsing and searching inter Information reconnaissance of an unknown text corpus would provide a major help. Our researc concerns adaptive learning techniques for information reconnaissance in legal document archive maps offer besides successful classification a ...

8 [A new approach to consistency control in software engineering](#)

Georg Heidenreich, Mark Minas, Detlef Kips

May 1996 **Proceedings of the 18th international conference on Software engineering**

**Publisher:** IEEE Computer Society

Full text available: [pdf\(869.98 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Site

Quality assurance methods as suggested by standards like ISO 9000 focus on the principle of re loops, which may be implemented by computer-based software process management including version control, and change tracking. Provided that the software process is modelled independent design methods, development tools, and software representations, a general representation of methods can be obtained. In our paper we introduce such a h ...

**Keywords:** ISO 9000, ISO standards, change tracking, compilers, computer-based software process configuration management, consistency control, high-level formalism, life cycle models, project assurance, software development management, software engineering, software process, software management, software quality, software representations, standards, version control

### 9 A programmable editor for developing structured documents based on bidirectional transformation

 Zhenjiang Hu, Shin-Cheng Mu, Masato Takeichi  
August 2004 **Proceedings of the 2004 ACM SIGPLAN symposium on Partial evaluation and program manipulation**

**Publisher:** ACM Press


Full text available:  pdf(397.19 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents a novel editor supporting interactive refinement in the development of structured documents. The user performs a sequence of editing operations on the document view, and the editor automatically generates an efficient and reliable document source and a transformation that produces the document view. The editor's programmability, in the sense that the transformation can be obtained through editing operations behind the utilization of the view- ...

**Keywords:** bidirectional transformation, document engineering, editor, functional programming

### 10 A programming model for active documents

 Paul Dourish, W. Keith Edwards, Jon Howell, Anthony LaMarca, John Lamping, Karin Petersen, Michael Terry, Jim Thornton  
November 2000 **Proceedings of the 13th annual ACM symposium on User interface software**


**Publisher:** ACM Press

Full text available:  pdf(115.49 KB)


Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** active properties, component software, customization, document management

### 11 A structural view of the Cedar programming environment

 Daniel C. Swinehart, Polle T. Zellweger, Richard J. Beach, Robert B. Hagmann  
August 1986 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 8

**Publisher:** ACM Press

Full text available:  pdf(6.32 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper presents an overview of the Cedar programming environment, focusing on its overall structure and the major components of Cedar and the way they are organized. Cedar supports the development of programs written in a single programming language, also called Cedar. Its primary purpose is to increase productivity for programmers whose activities include experimental programming and the development of prototype systems for a high-performance personal computer. The ...

### 12 A survey of peer-to-peer content distribution technologies

 Stephanos Androutsellis-Theotokis, Diomidis Spinellis  
December 2004 **ACM Computing Surveys (CSUR)**, Volume 36 Issue 4

**Publisher:** ACM Press

Full text available:  [pdf\(517.77 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Distributed computer architectures labeled "peer-to-peer" are designed for the sharing of comp (content, storage, CPU cycles) by direct exchange, rather than requiring the intermediation or s centralized server or authority. Peer-to-peer architectures are characterized by their ability to a accommodate transient populations of nodes while maintaining acceptable connectivity and per distribution is an important peer-to-peer application ...

**Keywords:** Content distribution, DHT, DOLR, grid computing, p2p, peer-to-peer


### 13 [A taxonomy of computer program security flaws](#)



Carl E. Landwehr, Alan R. Bull, John P. McDermott, William S. Choi

September 1994 **ACM Computing Surveys (CSUR)**, Volume 26 Issue 3

**Publisher:** ACM Press

Full text available:  [pdf\(3.81 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index](#)

An organized record of actual flaws can be useful to computer system designers, programmers, administrators, and users. This survey provides a taxonomy for computer program security flaw that documents 50 actual security flaws. These flaws have all been described previously in the c widely separated places. For those new to the field of computer security, they provide a good in characteristics of security flaws and how they ...

**Keywords:** error/defect classification, security flaw, taxonomy

### 14 [A testbed for information retrieval research: the Utah retrieval system architecture](#)



Lee A. Hollaar

June 1985 **Proceedings of the 8th annual international ACM SIGIR conference on Resea development in information retrieval**

**Publisher:** ACM Press

Full text available:  [pdf\(622.65 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

The Utah Retrieval System Architecture provides an excellent testbed for the development and algorithms or techniques for information retrieval. URSA™ is a message-based structure capabl variety of system configurations, ranging from a single mainframe processor to a system distrib of dissimilar processors. It can readily support a variety of specialized backend processors, such engines. The architectur ...


### 15 [A textual object management system](#)



Scott C. Deerwester, Keith Waclena, Michelle LaMar

June 1992 **Proceedings of the 15th annual international ACM SIGIR conference on Rese development in information retrieval**

**Publisher:** ACM Press

Full text available:  [pdf\(1.24 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index](#)

Computer programs that access significant amounts of text usually include code that manipulat that comprise it. Such programs include electronic mail readers, typesetters and, in particular, f retrieval systems. Such code is often unsatisfying in that access to textual objects is either effic not both. A programming language like Awk or Perl provides very general facilities for describin at the cost of res ...


### 16 [A window-based help, tutorial and documentation system](#)



Jean-Marie Comeau, Peter R. Milton

November 1993 **Proceedings of the 11th annual international conference on Systems docur**

**Publisher:** ACM Press

Full text available:  [pdf\(1.07 MB\)](#)


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17 Abstracts of Articles in the Information Retrieval Area Selected by Gerard Salton



September 1986 **ACM SIGIR Forum**, Volume 21 Issue 1-2

**Publisher:** ACM Press

Full text available:  [pdf\(1.10 MB\)](#)

Additional Information: [full citation](#)


18 Access by content of documents in an office information system



C. Jimenez Guarin

May 1988 **Proceedings of the 11th annual international ACM SIGIR conference on Research development in information retrieval**

**Publisher:** ACM Press

Full text available:  [pdf\(1.47 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents the integration of retrieval functions of an Information Retrieval System, IC Information Server. Besides the linear scanning of the text (using a software and a hardware file methods are proposed. The first one is based on a simple indexing of documents based on signature treated as character strings. We call this method Textual Search. The second one is based on the Signature Methods ...


19 Access methods for text



Chris Faloutsos

March 1985 **ACM Computing Surveys (CSUR)**, Volume 17 Issue 1

**Publisher:** ACM Press

Full text available:  [pdf\(2.59 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper compares text retrieval methods intended for office systems. The operational requirements environment are discussed, and retrieval methods from database systems and from information examined. We classify these methods and examine the most interesting representatives of each speed up retrieval with special purpose hardware are also presented, and issues such as approximation and compression are discussed. A qualitative ...

20 Affinity-based management of main memory database clusters



Minwen Ji

November 2002 **ACM Transactions on Internet Technology (TOIT)**, Volume 2 Issue 4

**Publisher:** ACM Press

Full text available:  [pdf\(553.96 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We study management strategies for main memory database clusters that are interposed between applications and back-end databases as content caches. The task of management is to allocate cache databases and to route queries to the appropriate databases for execution. The goal is to cache capacity and to minimize synchronization cost. We propose an affinity-based management memory database clusters (*ALBUM*). *ALBUM* executes each ...

**Keywords:** Main memory database, clustering, database administration, database cluster, file affinity, scalability



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